Huntleigh
AKRON

AKRON® POPULAR

Models
9221A, 9221B, 9221C, 9222A,
9222B, 9222C

AKRON® CONTINENTAL

Models
9221A, 9221B, 9221C, 9222A,
9222B, 9222C

USER MANUAL

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CE

"The CE mark on this product demonstrates conformity with the EC Directive 93/42/EEC."

1. Introduction

Always keep this Operating Manual available for reference.

Warnings & Cautions

WARNINGS
Warnings identify possible hazards in procedures or conditions which, if not correctly followed, could result in death, injury or other serious adverse reactions.

CAUTIONS
Cautions identify conditions or procedures which, if not correctly followed, could result in equipment failure or damage.

General Warnings

WARNINGS

Use only accessories that have been designed or approved for use with this couch.

Do not use electric couches in the presence of flammable gasses such as an anaesthetic agent.

Maximum Load 180 Kg (396 lbs) distributed evenly.

Do not concentrate weight on either side of the couch.

Plug acts as a disconnect device.

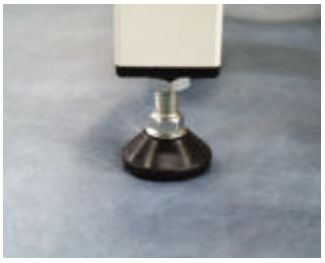
Do not allow children to play with the couch at any time.

Adequately supervise children in the proximity of the couch.

2. Installation

Adjustable Foot

WARNING
Lock castors before adjusting.



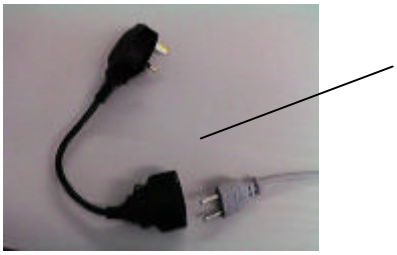
A) Lock castors first.

B) Adjust foot.

C) Lock foot by tightening half nut.

WARNING
Do not insert the 2-pin mains connector directly into a 3-pin 13A mains outlet.
Always use the adapter provided.
Plug acts as a disconnect device.

Electric Models



Use adapter if 3 pin 13A plug is required.
(Order reference 5S0409Z)

Ensure mains supply cable is not stretched when connected.

Ensure, during couch use, no obstacles are in its path.

Ensure hand / foot switch tubes or leads are not trapped by moving parts of the couch.

CAUTION
When not in use, switch couch off.

3. Operation

Elevation Controls

WARNING
Safely position patient before elevating couch.
Position all electrical cables away from the moving parts.
Position Hand/Foot switch where accidental operation is not possible.

Hydraulic Models

Hydraulic Pedal

PUMP PEDAL TO RAISE COUCH

LIFT PEDAL TO LOWER COUCH

Electric Models

Handswitch

Press ↑ to raise couch.

Press ↓ to lower couch.

Footswitch

AUF
Press ↑ to raise couch

AB
Press ↓ to lower couch.

3. Operation

Foot Bar Switch

Press tube done to raise couch

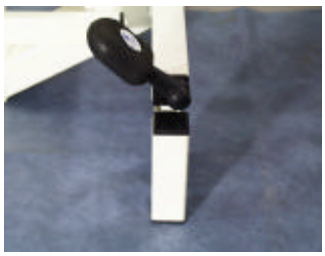
Lift tube up to lower couch

Wheel Locking

WARNING
Lock couch wheels/castors prior to patient transfer or treatment.
The retractable castors are not designed for transportation of patients.
Disconnect and coil electrical cord away from moving parts prior to repositioning couch.

Castors

Castors Unlocked



Castors Locked

Breathing Hole and Plug

Remove plug for patient prone position.

Press out from underneath.

3. Operation

Head & Foot Sections

CAUTION
Support upholstery section while manually altering the angle.

A & B Type Head Section Operating Lever

A) Press lever UP to alter section angle.

B) Support section when altering angle.

C) Release lever to lock section in position.

Angles A Type = +80° -20° B Type = +45° -20°

C Type Head Section Operating Lever

A) Press lever UP to alter section angle.

B) Support section when altering angle.

C) Release lever to lock section in position.

Angles C Type = +45° -20°

Foot Section Operating Lever

A) Press lever UP to alter section angle.

B) Support section when altering angle.

C) Release lever to lock section in position.

Foot Section Angles = +80° -0°

C Type Head Section Arm Rests

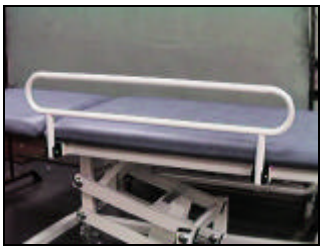
A) Tilt Armrest towards Head Section.

B) Move Armrest into position.

C) Release Armrest to lock into position.

4. Accessories – Operating Instructions

Cot Sides



Raised Cot Side

Lowered Cot Side

1. To raise the cot side when in the down position, lift and rotate towards you, through 180°. Once upright, push the cot side downwards into the moulded block until located fully.

2. To lower the cot side from upright position, lift out of the moulded block, and rotate through 180° into the down position.

Paper Roll Holder

Replace paper roll by :-

A) Take hold of paper roll.

B) Place over plastic tube.

C) Fit one end of tube over tab on holder.

D) Gently spring holder to fit other tab into tube.

Gynae Stirrups

Adjust Gynae Stirrups to suit patient by :-

A) Unlocking the locking knobs.

B) Adjust position of stirrup.

C) Tighten locking knobs.

4. Accessories – Operating Instructions

Gynae Troughs

Adjust Gynae Troughs to suit patient by :-

A) Unlocking the locking knobs.

B) Adjust position of trough.

C) Tighten locking knobs.

Cyriax Horns

Adjust Cyriax Horns to suit patient by :-

A) Unlocking the locking knobs.

B) Adjust position of horns.

C) Tighten locking knobs.

Arm Support

Adjust Arm Support to suit patient by :-

A) Unlocking the locking knobs.

B) Adjust position of arm support.

C) Tighten locking knobs.

4. Accessories – Operating Instructions

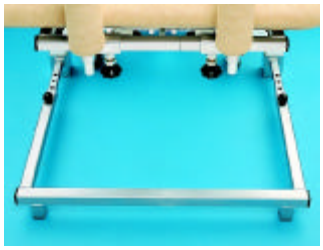
Hole & Horn

To fit Horn into Hole :-

A) Simply locate horn into hole.

B) Ensure horn is fully inserted prior to use.

Lean Back Frame



To adjust Lean Back Frame :-

A) Remove locating pins from frame.

B) Slide frame to required position.

C) Replace pins into holes at the end of the frame.

Fixation Rails

Ensure straps are correctly located through fixation rails before use.

5. Cleaning and Decontamination

WARNING

Do not use Alkalis or other organic solvents for routine cleaning.

Replace torn or damaged vinyl immediately.

Always cover vinyl with fresh paper or sheet between patients.

If contamination is known or suspected always decontaminate couch before use.

Frequency of routine couch cleaning will depend on exact application.

CLEANING / DECONTAMINATION

Wear suitable protective clothing
Disconnect mains supply
Locate couch in a suitable cleaning area with castors disengaged or wheels locked.

A) Using a clean damp cloth, warm water and soap carefully wipe couch from top to bottom, taking care around electrical components.
B) Wipe couch carefully from top to bottom using a damp cloth and clean water.
C) Wipe couch carefully dry with clean paper towels from top to bottom.

If **DECONTAMINATING** then repeat steps a) to c) using a dilute Hypochlorite / warm water mixture (10,000ppm) instead of warm water and soap.
Safely discard cleaning / decontaminating materials.
Wash hands thoroughly.
Put couch back into service.

6. Troubleshooting – Electric Actuator

Symptom	Possible cause	Action
Actuator will not work	Power disconnected	Ensure mains supply is connected
	Fuse blown	Replace fuse in socket
	Hand/footswitch disconnected	Check that the hand/foot switch is fully inserted into the actuator
Actuator runs when Bar is not pressed (Foot Bar Switch)	Out of balance system	Vent air tube by disconnecting from actuator, then reconnect

If the problem persists consult your local Akron Supplier.

7. Maintenance

Check couch visually before use.

Carry out routine servicing every six months or more frequently if in heavy use.

Routine servicing or repair must only be performed by suitably qualified person.

WARNING
Before commencing any maintenance activity, disconnect the couch from the electrical supply.
Plug acts as disconnect device.

Examine the couch for any signs of damage. Make sure that all nuts, bolts and other fasteners are tight. Do not over tighten as this may cause binding.

Upholstery fasteners should be checked, tightened or replaced if necessary.

Check section hinge pins to ensure that no pin protrudes.

Check gas strut controls, throughout the full range of movement for locking and assistance.

Check hydraulic couches for smooth operation and signs of leakage.

WARNING
All electrical checks should be performed by a suitably qualified and licensed electrician.

Neither BLUE or BROWN wires are to be connected to the earth terminal of a three pin plug.

Examine the flexible cables for cuts, abrasions, kinking or other deterioration and replace if necessary.

Ensure that the power supply connector plug is securely attached.

Check mains plug connections are tight and fuse is correctly rated (5A).

8. Warranty and Service (UK only)

Huntleigh Akron's standard terms and conditions apply to this couch. A copy is available upon request. These contain full details of warranty terms and do not limit the statutory rights of the consumer.

For service or maintenance please contact:

Service Department
Huntleigh Healthcare
310-312 Dallow Road
Luton
Beds Telephone: 01582 745700
LU1 1TD Fax: 01582 745869

For information on this product, or any other Huntleigh Akron product, please contact:

Huntleigh Akron
1 Farthing Road
Ipswich Telephone: 01473 461042
IP1 5AP Fax: 01473 462924

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If for any reason your couch is being returned, please inform Huntleigh Akron prior to sending, and:

1. Clean the product, as described in the cleaning section.
2. Pack it in suitable packing.
3. Attach the decontamination certificate (or other written statement declaring that the product has been cleaned) to the outside of the package.
4. Mark the package "Service Department".

Manufactured in the UK by Huntleigh Akron. As part of the ongoing development programme this company reserves the right to modify specifications and materials of this couch without notice.

8. Warranty and Service (UK only)

Huntleigh Akron's standard terms and conditions apply to this couch. A copy is available upon request. These contain full details of warranty terms and do not limit the statutory rights of the consumer.

For service, maintenance and any questions regarding this, or any other Huntleigh Akron Product, please contact:

Huntleigh Akron
1 Farthing Road
Ipswich
Suffolk
IP1 5AP.
England
Telephone: +44 (0) 1473 461042
Fax: +44 (0) 1473 462924

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9. Revision Status

9221 / 9222 / 9231 / 9232			
PAGES	**ISSUE**	**WRITTEN**	**DATE**
ALL PAGES	UM - 01	S.Rees	02/06/98
ALL PAGES	UM - 02	S.Rees	02/12/98
PAGES 12 & 13	UM - 03	J. Austin	15/11/99
PAGE 2	UM - 04 (DCN958)	J. Barker	30/10/00

10. Technical Specification

	9221A	9222A	9221B	9222B	9221C	9222C
Head Length (cm)	63±1.5	63±1.5	46±1.5	46±1.5	46±1.5	46±1.5
Foot Length (cm)	124±1.5	124±1.5	136.5±1.5	136.5±1.5	136.5±1.5	136.5±1.5
Width (cm)	63±1.5 70±1.5	63±1.5 70±1.5	63±1.5 70±1.5	63±1.5 70±1.5	63±1.5 70±1.5	63±1.5 70±1.5
Overall Length (cm)	188.5±3	188.5±3	184±3	184±3	184±3	184±3
Height Range (cm)	44.5±1.5 93±1.5	44.5±1.5 93±1.5	44.5±1.5 93±1.5	44.5±1.5 93±1.5	44.5±1.5 93±1.5	44.5±1.5 93±1.5
Max. Load Weight	180 Kg	180 Kg	180 Kg	180 Kg	180 Kg	180 Kg
Elevation Control	Hydraulic	Electric	Hydraulic	Electric	Hydraulic	Electric
Configuration						
Electrical Data 230v						
Actuator		220-240v		220-240v		220-240v
Internal Fuse Rt		T1.6A x 1		T1.6A x 1		T1.6A x 1
Current		1.6A		1.6A		1.6A
Power		480W		480W		480W
Mains Plug Fuse Rt (UK)		5.0A x 1		5.0A x 1		5.0A x 1
Electrical Data 115v						
Actuator		115v		115v		115v
Internal Fuse Rt		F4.0A x 1		F4.0A x 1		F4.0A x 1
Current		3.3A		3.3A		3.3A
Power		380W		380W		380W

10. Technical Specification

	9231A	9232A	9231B	9232B	9231C	9232C
Head Length (cm)	63±1.5	63±1.5	46±1.5	46±1.5	46±1.5	46±1.5
Mid Length (cm)	58±1.5	58±1.5	58±1.5	58±1.5	58±1.5	58±1.5
Foot Length (cm)	74±1.5	74±1.5	81.5±1.5	81.5±1.5	81.5±1.5	81.5±1.5
Width (cm)	63±1.5 70±1.5	63±1.5 70±1.5	63±1.5 70±1.5	63±1.5 70±1.5	63±1.5 70±1.5	63±1.5 70±1.5
Overall Length (cm)	198±4.5	198±4.5	188.5±4.5	188.5±4.5	188.5±4.5	188.5±4.5
Height Range (cm)	44.5±1.5 93±1.5	44.5±1.5 93±1.5	44.5±1.5 93±1.5	44.5±1.5 93±1.5	44.5±1.5 93±1.5	44.5±1.5 93±1.5
Max. Load Weight	180 Kg	180 Kg	180 Kg	180 Kg	180 Kg	180 Kg
Elevation Control	Hydraulic	Electric	Hydraulic	Electric	Hydraulic	Electric
Configuration						
Electrical Data 230v						
Actuator		220-240v		220-240v		220-240v
Internal Fuse Rt		T1.6A x 1		T1.6A x 1		T1.6A x 1
Current		1.6A		1.6A		1.6A
Power		480W		480W		480W
Mains Plug Fuse Rt (UK)		5.0A x 1		5.0A x 1		5.0A x 1
Electrical Data 115v						
Actuator		115v		115v		115v
Internal Fuse Rt		F4.0A x 1		F4.0A x 1		F4.0A x 1
Current		3.3A		3.3A		3.3A
Power		380W		380W		380W

10. Technical Specification

IEC 601-1 Classification

Check serial number label for classification

230v	**115v**	**115v**
Double Insulated	Double Insulated	Class 1
Type B equipment	Type B equipment	Type B equipment
Attention consult this manual	Attention consult this manual	Attention consult this manual

Huntleigh Akron, 1 Farthing Road, Ipswich, Suffolk, IP1 5AP, England
Tel: +44 (0) 1473 461042 Fax: +44 (0) 1473 462924

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